

ABSTRACT

An optical characteristic measurement device includes an optical path separation element to which a parallel laser beam is made incident through an aperture, a first face-type photo-detector that receives the laser beam transmitted through the optical path separation element and a second face-type photo-detector that receives the laser beam reflected by the optical path separation element. A length of an optical path from the aperture to the first face-type photo-detector is set to be different from a length of an optical path from the aperture to the second face-type photo-detector. An incident angle of the laser beam and a position of a center of gravity of a distribution of a light quantity of the laser beam at the aperture are measured based on a distance from a reference position to a light receiving center position on the first face-type photo-detector, a distance from a reference position to a light receiving center position on the second face-type photo-detector, the length of the optical path from the aperture to the first face-type photo-detector, and the length of the optical path from the aperture to the second face-type photo-detector.